

SEQUENCE LISTING

<110> MOCKEL, BETTINA  
KREUTZER, CAROLINE  
HERMANN, THOMAS  
FARWICK, MIKE  
MARX, ACHIM  
PFEFFERLE, WALTER

<120> NUCLEOTIDE SEQUENCES WHICH CODE FOR THE ccpA2 GENE

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<150> DE/10042053.2

<151> 2000-08-26

<150> DE/10123071.0

<151> 2001-05-11

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<170> PatentIn version 3.1

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<212> DNA

<213> Corynebacterium glutamicum

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atg gcg acg gaa aaa ttc cga ccg act ctt aaa gat gtc gct cgt caa	288					
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gcg gtt gct gca tcg act cgt gaa aga atc caa caa tta gcc tct gat	384					
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Leu Gly Tyr Arg Ala Asn Ala Gln Ala Arg Ala Leu Arg Ser Ser Arg						
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Ser Asn Thr Ile Gly Val Ile Val Pro Ser Leu Ile Asn His Tyr Phe						
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Ala Thr Ile Ile Thr Asn Ser Asn Glu Asp Ala Thr Thr Met Ser Gly						
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<213> Corynebacterium glutamicum

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Leu Gly Tyr Arg Ala Asn Ala Gln Ala Arg Ala Leu Arg Ser Ser Arg  
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Ser Asn Thr Ile Gly Val Ile Val Pro Ser Leu Ile Asn His Tyr Phe  
 65 70 75 80

Ala Ala Met Val Thr Glu Ile Gln Ser Thr Ala Ser Lys Ala Gly Leu  
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Ala Thr Ile Ile Thr Asn Ser Asn Glu Asp Ala Thr Thr Met Ser Gly  
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Ser Leu Glu Phe Leu Thr Ser His Gly Val Asp Gly Ile Ile Cys Val  
 115 120 125

Pro Asn Glu Glu Cys Ala Asn Gln Leu Glu Asp Leu Gln Lys Gln Gly  
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Met Pro Val Val Leu Val Asp Arg Glu Leu Pro Gly Asp Ser Thr Ile  
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Pro Thr Ala Thr Ser Asn Pro Gln Pro Gly Ile Ala Ala Ala Val Glu  
 165 170 175

Leu Leu Ala His Asn Asn Ala Leu Pro Ile Gly Tyr Leu Ser Gly Pro  
 180 185 190

Met Asp Thr Ser Thr Gly Arg Glu Arg Leu Glu Asp Phe Lys Ala Ala  
 195 200 205

Cys Ala Asn Ser Lys Ile Gly Glu Gln Leu Val Phe Leu Gly Gly Tyr  
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Glu Gln Ser Val Gly Phe Glu Gly Ala Thr Lys Leu Leu Asp Gln Gly  
 225 230 235 240

Ala Lys Thr Leu Phe Ala Gly Asp Ser Met Met Thr Ile Gly Val Ile  
 245 250 255

Glu Ala Cys His Lys Ala Gly Leu Val Ile Gly Lys Asp Val Ser Val  
 260 265 270

Ile Gly Phe Asp Thr His Pro Leu Phe Ala Leu Gln Pro His Pro Leu  
 275 280 285

Thr Val Ile Asp Gln Asn Val Glu Gln Leu Ala Gln Arg Ala Val Ser  
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Ile Leu Thr Glu Leu Ile Ala Gly Thr Val Pro Ser Val Thr Lys Thr  
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